



**ALL INDIA COUNCIL FOR  
TECHNICAL SKILL DEVELOPMENT**  
अखिल भारतीय तांत्रिक कौशल्य विकास परिषद

# **Aryabhatta National Maths Competition - 2024**

Great Technology Scientist of Future INDIA – 2024 Search Program



**Prize Money -  
Upto Rs.3  
Lakhs**



**National  
Certificate - For  
Every  
Participant**



**National  
Trophy**



**National Medal**

**Please Note** - All participants will receive a participation certificate, even if not selected in the final. This certificate is highly regarded in India and are awarded by AICTSD at the national level. The certificate holds substantial value and has the potential to significantly boost your academic and professional career.

## Syllabus - Class 5

### Decimals

- Extending The Place Value Chart To Tenths
- Extending The Place Value Chart Hundredths And Thousandths
- Converting Fractions Into Decimals
- Converting Decimals Into Fractions
- Equivalent Decimals
- Expanded Form Of Decimals

### Area And Volume

- Area
- Finding Area When Whole Squares Are Not Covered
- Area Of Irregular Shapes
- Area Of A Rectangle Or Square
- Finding Length Or Breadth
- Perimeter
- Volume
- Volume Of A Cube
- Volume Of A Cuboid

### Time

- The Calendar
- The Clock
- A.M And P.M
- Conversion Of Time

## Rational Numbers

- Introduction
- Need For Rational Numbers
- What Are Rational Numbers?
- Positive And Negative Rational Numbers
- Rational Numbers On A Number Line
- Rational Numbers In Standard Form
- Comparison Of Rational Numbers

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## India's Biggest Maths Competition by IIT Bombay Alumni

Through this competition, we are searching for the " **Great Technology Scientist of Future INDIA – 2024** " from the student community.

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